|    | Index of Claims                                  |           |       |              |          |           |          |          |              |               |           |           |           | 0/685,012 |          |                     |                     |              |              |          |           |            |        | DALTON ET AL. |           |                     |                |         |              |           |                 |           |  |  |
|----|--|-----------|-------|--------------|----------|-----------|----------|----------|--------------|---------------|-----------|-----------|-----------|-----------|----------|---------------------|---------------------|--------------|--------------|----------|-----------|------------|--------|---------------|-----------|---------------------|----------------|---------|--------------|-----------|-----------------|-----------|--|--|
|    |  |           |       |              |          |           |          |          |              |               |           |           |           |           | Examiner |                     |                     |              |              |          |           |            |        |               | Art Unit  |                     |                |         |              |           |                 |           |  |  |
|    |  |           |       |              |          |           |          |          |              |               |           |           |           |           |          |                     |                     |              |              |          |           |            |        |               |           |                     |                |         |              |           |                 |           |  |  |
|    |  | 118418    | i mar | 1 8 9 1      |          | 1111      | 1110     | IIII I   | 1181         | ff file       |           | ·<br>     |           |           |          | Edgardo Ortiz       |                     |              |              |          |           |            |        |               |           | 2815                |                |         |              |           |                 |           |  |  |
|    |  |           |       | _            |          | _         | •        | •        |              | $\overline{}$ |           |           |           |           |          | <del></del>         |                     |              |              |          |           |            | $\neg$ |               | $\Box$    |                     |                |         |              | $\neg$    |                 |           |  |  |
|    | √ Rejected – (Through nume Cancelled             |           |       |              |          |           |          |          |              |               |           | lera<br>I | 31)       |           | ı,       | N                   | Non-Elect           |              |              | ted      |           | A          | Appeal |               |           |                     |                |         |              |           |                 |           |  |  |
|    |  |           |       |              |          |           |          |          |              | 100           |           |           | -         | F         | 7        |                     |                     |              |              |          | H         |            |        |               |           |                     |                | -       |              |           |                 |           |  |  |
|    | = Allowed +                                      |           |       |              |          |           |          |          |              | Restricted    |           |           |           |           | 1 1      |                     | 1                   | Interference |              |          | ce        |            | 이      | Objected      |           |                     |                |         |              |           |                 |           |  |  |
|    |  |           |       |              |          |           |          |          |              |               |           |           |           |           |          |                     |                     | L            |              | <u> </u> |           |            |        |               |           |                     |                |         |              |           |                 |           |  |  |
|    | Cla  | Date      |       |              |          |           |          | Claim    |              |               |           | Da        |           |           | Ţ        |                     |                     |              | Claim        |          |           | Date       |        |               |           |                     |                |         |              |           |                 |           |  |  |
|    | - E  | rai       | 12    |              |          |           |          |          |              |               |           | ا ہ       | ğ         |           |          | ١                   |                     |              |              | ı        |           |            | _      | <u>a</u>      |           | -                   |                |         | l            |           |                 |           |  |  |
|    | Final  |           | M     |              |          |           |          |          |              |               |           | Final     | Original  |           | ı        | -                   |                     |              |              |          | 1         |            | Final  | Original      |           | - 1                 |                |         | l            |           |                 |           |  |  |
|    |  | 0         |       |              | Н        | Н         | Ш        | Н        |              | Н             | _         | <b> </b>  | 51        | Ц         | 4        | 4                   | 4                   | 4            | 4            | +        | $\bot$    |            |        | 101           | $\sqcup$  | 4                   | +              | $\perp$ | ╀            | $\vdash$  | -               | 4         |  |  |
| 6  |  | 2         | ۲     | Н            |          | Н         | Н        | Н        | $\vdash$     | Н             | $\dashv$  | $\vdash$  | 52        | $\dashv$  | +        | $\dashv$            | +                   | +            | +            | +        | ╁┤        | <b> </b>   |        | 102           | Н         | 十                   | +              | ╁       | $\vdash$     | ┤         | $\dashv$        | $\dashv$  |  |  |
| 1_ |  | 3         |       |              |          |           |          |          |              |               | $\Box$    |           | 53        |           |          | $\Box$              | #                   | 1            | 1            | I        |           |            |        | 103           | П         | $\rightrightarrows$ | $\blacksquare$ | Ţ       |              | П         | $\Box$          | コ         |  |  |
| 7  |  | 5         | ₩     | Н            | _        | Н         | Н        | Н        | ┝            | Н             | $\dashv$  | -         | 54<br>55  | $\dashv$  | $\dashv$ | $\dashv$            | +                   | +            | +            | +        | ╁╌        | <b>{</b>   |        | 104           | Н         | $\dashv$            | ┿              | ╀       | ╀            | Н         | -               | $\dashv$  |  |  |
| 1  |  | 6         | 土     |              |          |           |          |          |              |               |           |           | 58        |           |          | $\exists$           | $\perp$             | $\perp$      | 士            | 1        |           | lt         | _      | 106           | 口         | 士                   | 士              | İ       |              |           | 土               | ╛         |  |  |
| _  |  | 7         | Y     | I            |          | H         |          | Н        | /            | Н             | $\dashv$  |           | 57        |           | 4        | 4                   |                     | 4            | 4            | 4        | $\vdash$  |            |        | 107           | $\vdash$  | -                   | +              | $\bot$  | ╀            | Н         | 1               | 4         |  |  |
|    | $\vdash$   | 93        | 7     | Н            | Н        | Н         | Н        | И        | H            | Н             | $\dashv$  |           | 58<br>59  | H         | ┪        | ┪                   | $\dashv$            | $\dagger$    | +            | ╁        | ╁         | 1          |        | 108           | H         | +                   | +              | ╁       | 十            | ╁╌┨       | $\dashv$        | ᅱ         |  |  |
|    |  | 10        | П     |              |          |           | Z        |          |              | 口             |           |           | 60        | $\Box$    | $\Box$   | コ                   | 1                   | コ            | 1            | 工        | $\Box$    |            |        | 110           | $\square$ | 耳                   | #              | $\bot$  | Γ            | П         | $\Box$          | コ         |  |  |
| •  | $\vdash$   | 11<br>12  | N     | Н            | Н        | Н         | Ή        | Н        | -            | -             | -         | -         | 61<br>62  | Н         | $\dashv$ | $\dashv$            | +                   | ┿            | +            | +        | +         |            |        | 111<br>112    | $\vdash$  | -                   | ╬              | +-      | ╁            | H         | $\dashv$        |           |  |  |
|    |  | 13        | K     |              |          |           |          |          | Ш            |               | <b>d</b>  |           | 63        |           |          |                     | $\pm$               | $\pm$        | 土            | 土        | 上         | lt         |        | 113           |           | 士                   | 1              | İ       |              |           | 土               | ゴ         |  |  |
|    |  | 14<br>15  | П     | $\downarrow$ | $\prod$  | Н         |          | Н        | L            |               | 4         |           | 64<br>65  | $\sqcup$  | _        | -                   | 4                   | 7            | 4            | $\perp$  | $\perp$   |            |        | 114<br>115    | $\sqcup$  | 4                   | 4              | +       | <del> </del> | $\vdash$  | -               | 4         |  |  |
|    | $\vdash$   | 16        | H     | A            | Н        | Н         | H        | Н        | -            | Н             | -         | -         | 66        | $\dashv$  | +        | ┪                   | +                   | +            | +            | 十        | T         | <b> </b>   |        | 116           | H         | $\dashv$            | +              | ╁       | 十            | $\vdash$  | -+              | $\dashv$  |  |  |
|    |  | 17        | X.    |              | Z        |           |          |          |              |               | <b>_</b>  |           | 67        |           | $\Box$   | $\rightrightarrows$ | 1                   | 1            | 1            | 丰        |           |            |        | 117           | П         | $\Box$              | 1              | 1       |              | П         | コ               | $\Box$    |  |  |
|    |  | 18/<br>19 | ╫     | Н            |          | $\forall$ | ┝        | Н        | Н            | Н             | $\dashv$  |           | 68<br>69  | Н         | $\dashv$ | $\dashv$            | +                   | +            | +            | +        | ╁┤        | <b>}</b>   |        | 118<br>119    | $\vdash$  | ┽                   |                | ╁       | ╁            | H         | +               | $\dashv$  |  |  |
|    |  | 20        | Ż     |              |          |           |          |          |              |               | ゴ         |           | 70        |           |          | $\exists$           | 土                   | 土            | İ            |          | 上         | 1 1        |        | 120           |           | 士                   |                | İ       |              |           | 土               | ゴ         |  |  |
|    |  | 21<br>22  |       | Н            | Н        | Н         | H        | Н        |              | Н             | 4         |           | 71<br>72  |           | -        | $\dashv$            | $\dashv$            | +            | +            | - -      | ╂         |            |        | 121<br>122    | -         |                     | +              | ╀       | ╁            | $\vdash$  | +               |           |  |  |
|    |  | 23        | H     | Н            |          | Н         | $\vdash$ | Н        |              |               | $\dashv$  | -         | 73        |           | 7        | -                   | $^+$                | $^{\dagger}$ | $\top$       | 十        | $\dagger$ |            |        | 123           | ╁         |                     | $\top$         | $^{+}$  | $\dagger$    | $\Box$    | 士               | _         |  |  |
|    |  | 24        |       |              |          |           |          |          |              |               | 7         |           | 74        | $\Box$    | $\dashv$ | $\dashv$            | $\perp$             | $\dashv$     | 7            | 4-       | 1_        | ] [        |        | 124<br>125    | Н         | 4                   | 4              | +       | L            | Н         | 4               | _         |  |  |
|    | <del>                                     </del> | 25<br>26  | H     | Н            | Н        | H         | -        | Н        | $\vdash$     | Н             | $\dashv$  | -         | 75<br>76  | $\forall$ | $\dashv$ | $\dashv$            | +                   | +            | +            | +        | ╁╌        |            |        | 126           | ┼┤        | ┪                   | +              | +       | +            | $\vdash$  | $\dashv$        | $\dashv$  |  |  |
|    |  | 27        |       |              |          |           |          |          |              |               | コ         |           | 77        |           | $\Box$   |                     | $\downarrow$        | #            | $\downarrow$ | 丰        |           |            |        | 127           | П         | $\exists$           | 1              | I       | L            |           | $\Box$          | コ         |  |  |
|    | <u> </u>   | 28<br>29  | -     | Н            | Н        | Н         | H        | Н        | H            | Н             | -         |           | 78<br>79  |           | 4        | $\dashv$            | +                   | ┿            | +            | ╬        | ╂┤        | <b>{</b> } |        | 128<br>129    | $\vdash$  | $\dashv$            | +              | ╀       | ╁            | $\vdash$  | ┵               | $\dashv$  |  |  |
|    |  | 30        |       |              |          |           |          |          |              | П             | $\exists$ |           | 80        |           |          | 士                   | $\perp$             | 1            | $\pm$        | 土        | 上         | 1          |        | 130           |           | ᅼ                   | 土              | 1       |              |           | 士               | ゴ         |  |  |
|    |  | 31        |       |              |          |           |          |          |              |               | 7         |           | 81        |           | $\dashv$ | 4                   | 4                   | 4            | $\dashv$     | 1        | -         |            |        | 131           | $\vdash$  | $\dashv$            | $\perp$        | $\perp$ | ┡            | $\square$ |                 | $\dashv$  |  |  |
|    | $\vdash$   | 32<br>33  | H     | Н            | Н        | Н         | ┢        | H        | ┝            | Н             | $\dashv$  |           | 82<br>83  | Н         | $\dashv$ | $\dashv$            | +                   | +            | +            | +        | +         | 1 1        |        | 132<br>133    |           | ┰┼                  | +              | +       | ╁┈           | H         | $\dashv$        | $\dashv$  |  |  |
|    |  | 34        |       |              | П        |           |          |          | _            |               | コ         |           | 84        |           |          | $\exists$           | コ                   | コ            | 1            | 丁        |           | 1 1        |        | 134           |           | $\Box$              | 1              | 丰       | Γ            | П         | コ               | $\Box$    |  |  |
|    |  | 35<br>36  | ┞     | H            | Н        | Н         | $\vdash$ | H        | ├            | Н             | {         | -         | 85<br>86  | Н         | $\dashv$ | $\dashv$            | +                   | +            | +            | ╁        | ╫         | {          |        | 135<br>136    |           | +                   | +              | ╁       | ╁            | H         | $\dashv$        | $\dashv$  |  |  |
|    |  | 37        |       |              |          |           |          |          |              |               | _         |           | 87        |           |          |                     |                     | 士            | ゴ            |          | 上         | 1 1        |        | 137           |           |                     | 士              | 上       | L            |           |                 | ゴ         |  |  |
|    |  | 38        | _     | Н            |          |           |          | L        | _            | Н             | $\dashv$  | <u> </u>  | 88<br>89  | Н         |          |                     | +                   | +            | $\dashv$     | +        | +-        |            | -      | 138<br>139    |           | +                   | ╬              | ╀       | ╀            | $\vdash$  | $\dashv$        | 4         |  |  |
|    | _  | 39<br>40  | -     | H            | Н        | H         | $\vdash$ | $\vdash$ | <del> </del> | Н             | $\dashv$  |           | 90        | H         |          | $\exists$           | 1                   | _            | _            | 1        | 士         | j          |        | 140           |           | $\exists$           | 士              | 士       | $\perp$      |           |                 | $\exists$ |  |  |
|    |  | 41        |       |              |          |           |          |          |              |               | $\exists$ |           | 91        | П         |          | $\Box$              | $\dashv$            | 7            | 7            | Ţ        | $\perp$   | ] [        |        | 141           |           | _                   | Ţ              | F       | L            | $\Box$    | $\Box$          | $\Box$    |  |  |
|    | <del> </del>                                     | 42        | ⊢     | $\vdash$     | Н        | H         | -        | $\vdash$ | $\vdash$     | Н             | $\dashv$  | $\vdash$  | 92<br>93  | Н         | $\dashv$ | -                   | +                   | +            | $\dashv$     | +        | ╁         | ╽╽         |        | 142<br>143    |           | +                   | +              | ┿       | +            | Н         | $\dashv$        | $\dashv$  |  |  |
|    |  | 44        |       |              |          |           |          |          |              |               | ゴ         |           | 94        |           |          |                     | $\rightrightarrows$ | $\Box$       | ightharpoons | 1        | T         | 1          |        | 144           |           | $\Box$              | ユ              | I       | 上            | $\Box$    | $\Box$          |           |  |  |
|    | -  | 45<br>46  | H     | $\vdash$     | $\vdash$ | H         |          | H        | H            | H             | $\dashv$  | -         | 95<br>96  | Н         | $\dashv$ | $\dashv$            | $\dashv$            | +            | +            | +        | +         |            |        | 145<br>146    | $\vdash$  | $\dashv$            | +              | +       | +-           | Н         | $\vdash \vdash$ | $\dashv$  |  |  |
|    |  | 47        |       |              |          |           |          | $\vdash$ | L            |               |           |           | 97        |           |          |                     | 士                   | $\forall$    | $\exists$    | 士        | $\pm$     | 1          |        | 147           |           | 士                   | 士              | 士       | I            | H         |                 |           |  |  |
|    | 匚  | 48        | F     | Ŀ            | П        | П         | Г        | Г        | 匚            | П             | $\Box$    |           | 98        | П         | П        | $\Box$              | 4                   | $\dashv$     | $\dashv$     | Ŧ        | +         |            |        | 148<br>149    |           | $\dashv$            | $\bot$         | +       | +            | H         | $\dashv$        | 4         |  |  |
|    | -  | 49<br>50  |       | H            | H        | $\vdash$  | ┝        | $\vdash$ | 一            | $\vdash$      | $\dashv$  | $\vdash$  | 99<br>100 | H         |          |                     | +                   | ┪            | _            | +        | +         | {          |        | 150           |           | $\exists$           | 士              | $\pm$   | $\pm$        | H         | H               | $\exists$ |  |  |
|    | _  |           | _     | _            |          |           |          |          |              |               |           |           |           |           | _        |                     | _                   | _            | _            | _        |           | _          |        |               |           | _                   | _              | _       |              |           |                 |           |  |  |

Application No.

Applicant(s)